

**AMPLIFIERS**  
MODELS: BIA-20, PMDA

**Indoor and Outdoor Models for Total Installation Flexibility**

The BIA-20 In-Line Amplifier helps boost signal gain to compensate for the signal losses incurred through long cable runs or a result of splitting the signal to multiple TV sets.

Note: It is suggested that an in-line amplifier be used for satellite signal amplification only when the signal is low. The position of the in-line amplifier should be as close to the satellite dish as possible when trying to boost the satellite signal. If only the off-air antenna signal portion needs to be boosted, the amplifier should be installed between the indoor diplexer and the off-air input to the satellite receiver. If the amplifier is being used in a system that contains only an off-air antenna then, the amplifier should be placed near the antenna.

The PMDA Pole-Mounted Amplifier is ideal for use with a dual-LNB satellite dish and off-air antenna to add local channel reception. This multi-function component includes a high-quality signal amplifier along with a built-in splitter and diplexer, enabling the user to combine and amplify satellite TV and off-air signals before routing them to the home.

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**Technical Information:**



**BIA-20**

Frequency Range:

54-2150MHz

Impedance:

75ohm matching

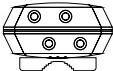
Slope compensated gain:

+11dB @ 54MHz

Noise Figure:

+20dB @ 2150MHz

<5dB



**PMDA**

Frequency Range:

Ant 54-806MHz

Impedance:

Sat 950-2150MHz

Satellite Insertion Loss:

75ohm matching

Antenna Gain:

<2.0dB Typ

+15dB Typ

At TERK Technologies we strive to offer the highest quality products to our consumers.  
The specifications are subject to change without notice.



**Ultra-low-Noise  
Amplifiers for Clear  
Signals**

TERK amplifiers assure you'll get maximum TV and radio reception in any installation. Whether you need to amplify TV signals to compensate for long cable runs, improve reception of weak or distant TV and radio stations, or combine and amplify satellite and off-air TV signals, TERK has a high-performance amplifier to do the job.

TERK amplifiers utilize premium-quality electronics for the strongest, clearest signals with maximum gain and ultra-low noise. They feature wideband frequency response and correct 75 ohm impedance across all bands, to deliver the best possible picture and sound quality in all satellite TV, off-air broadcast and FM reception applications.

**TERK**